



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 07-Feb-18	Point No.
Date-wise Energy Availability, Consumption, Peak Load & Average Frequency	1
Energy Availability / Generation from different Sources	2
System Parameters	3
Water Level of major Reservoirs	4
Position of Coal Stock at KTPS,STPS & CHHABRA	5
Outage of major Generating Units	6

1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -FEB- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2018
Feb-18										
01-Feb-18	2008.01	1981.35	2081.33	1936.44	56.58	29.68	10255.00	9726.00	49.99	141.73
02-Feb-18	2052.78	1921.16	2122.51	1946.33	45.24	33.26	11449.00	9388.00	49.99	99.13
03-Feb-18	2105.08	2013.57	2127.65	1994.53	53.52	44.30	11342.00	9698.00	49.97	51.10
04-Feb-18	2166.72	2054.45	2058.49	2008.62	6.28	27.88	11191.00	9688.00	50.00	187.93
05-Feb-18	2149.39	2045.91	2099.17	1945.51	33.41	46.62	11350.00	9683.00	49.98	145.87
06-Feb-18	2213.60	2085.22	2071.52	1978.22	12.14	31.44	11267.00	9511.00	49.96	126.26
07-Feb-18	2059.61	2072.74								
08-Feb-18										
09-Feb-18										
10-Feb-18										
11-Feb-18										
12-Feb-18										
13-Feb-18										
14-Feb-18										
15-Feb-18										
16-Feb-18										
17-Feb-18										
18-Feb-18										
19-Feb-18										
20-Feb-18										
21-Feb-18										
22-Feb-18										
23-Feb-18										
24-Feb-18										
25-Feb-18										
26-Feb-18										
27-Feb-18										
28-Feb-18										
MAXIMUM OF THE MONTH	2213.60	2085.22	2127.65	2008.62	56.58	46.62	11449.00	9726.00	50.00	187.93
MIN OF THE MONTH	2008.01	1921.16	2058.49	1936.44	6.28	27.88	10255.00	9388.00	49.96	51.10
AVERAGE	2096.65	2023.93	2093.45	1968.28	34.53	35.53	11142.33	9615.67	49.98	125.34
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)		13-Jan-18
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10348	(8.15-8.30 Hrs.)		25/1/2017
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		6-Feb-18		
1	KTPS (1240/1240)	246.00	247.00	213.87
2	STPS (1500/1500)	273.00	273.00	234.41
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	42.00	31.00	34.23
5	RAPP-A(200/200)	43.00	43.00	44.81
6	MAHI (140/140)	0.00	0.00	8.61
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	34.10
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	109.00	109.00	165.74
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	273.00	273.00	238.12
11	WIND FARM (3980.40/4119.15)	38.75	186.00	126.26
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	1.82
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	-8.02	-5.92	-7.13
16	BIOMASS – (101.95/119.25)	3.00	5.00	3.15
17	BARSINGHAR LTPS(250/250)	51.00	51.00	49.69
18	RAJWEST (1080/1080)	174.00	201.00	192.60
	TOTAL (A) : 1-18	1283.35	1451.70	1340.28
19	BBMB COMPLEX			
	a) BHAKRA(230.79/1516.3)	27.03	27.29	27.21
	b) DEHAR (198/ 990)	5.01	5.01	5.17
	c) PONG (231.66/396)	29.42	29.04	29.42
	TOTAL : a TO c	61.46	61.34	61.80
20	CENTRAL STATIONS			
	d) SINGRAULI (300/ 2000)	94.56	95.28	94.46
	e) RIHAND (310.24/3000)	122.96	124.67	123.81
	f) UNCHAHAHAR-I(20/420)	16.68	16.46	6.10
	g) UNCHAHAHAR-II& III(61/630)	35.12	33.86	15.02
	h) INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
	i) NCTPS DADRI St-II (43.22/980) + DADRI-TH	8.47	8.67	4.35
	j) DADRI GAS (77/830)	6.91	9.49	4.18
	k) ANTA (83.07/419)	0.00	0.00	0.00
	l) AURAIYA (61.03/663)	0.00	0.00	0.00
	m) NAPP (44/440)	9.94	9.89	9.89
	n) RAPP-B (125/440)	16.75	16.83	16.83
	o) RAPP-C (88/440)	9.57	9.57	9.57
	p) SALAL (20.36/690)	0.49	0.49	0.49
	q) URI (70.37/720)	2.71	2.70	2.58
	r) TANAKPUR (10.86/94)	0.31	0.31	0.29
	s) CHAMERA –I (105.84/540)	3.14	3.14	3.14
	t) CHAMERA-II (29.01/300)	0.87	0.87	0.87
	u) CHAMERA-III (25.21/231)	0.55	0.55	0.65
	v) DHAULIGANGA (27/280)	0.81	0.81	0.81
	w) DULHASTI (42.42/390)	2.50	2.50	2.50
	x) SEWA (13/120)	0.39	0.39	0.39
	y) NJPC (112.00/1500)+RAMPUR(31.808/412.02)	5.87	5.86	5.87
	z) TEHRI (75/1000)	5.60	5.60	5.60
	aa) KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.01
	ab) TALA	0.24	0.24	0.24
	ac) MUNDRA UMPP (380/4000)	83.60	85.68	85.18
	ad) SASAN (372/3960)	89.04	89.04	89.04
	ae) FRKKA+KHLGN+TLCHR (70.18/3940)	24.54	29.26	22.78
	af) URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	605.61	616.04	571.46
	LOSSES	-39.43	-40.41	-39.85
	NET SCHEDULED	566.18	575.63	531.62
21	BILATERAL (REG.) EXCL. BANKING	4.39	4.39	4.39
22	BANKING	15.58	15.58	15.58
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.13	113.17	113.52
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	8.02	5.92	7.13
25	INDIAN ENERGY EXCHANGE	68.95	47.25	47.25
	TOTAL(B): (19 TO 25)	776.25	761.91	719.49
	TOTAL GENERATION (A +B) : 1 TO 25			2059.76
	OVER DRAWAL (+)/UNDER DRAWAL (-)			12.14
	GRAND TOTAL	2059.61	2213.60	2071.90
	LAST YEAR	2072.74	2085.22	1978.22

3.SYSTEM PARAMETERS AS ON 06-Feb-18

MAXIMUM DRAWL ON 06-Feb-18	11267 MW at 08.00-08.15 Hrs 49.92 Hz
MINIMUM DRAWL ON 06-Feb-18	6452 MW at 04.00-04.15Hrs 50.01 Hz
Max U/D of the day	412 MW at 07.00-07.15 HRS 49.89 Hz
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	77
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	14
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	6
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	12
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	0
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	2
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 6-Feb-18	49.96 Hz
Max O/D of the day	500 MW at 09.45-10.00 HRS 49.95 Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	10.92
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	80.76
ABOVE 50.05 HZ	8.32
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	3
No. of 132 KV Feeders Disconnected	0

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	7-Feb-18	7-Feb-17		
Gandhi Sagar (Ft.)	1312	1250	1284.50	1303.59	8925	187
R.P.Sagar (Ft.)	1157.5	1128	1136.96	1134.82	13608	NA
Jawahar Sagar (Ft.)	980	970.4	977.30	978.40	6672	NA
Kota Barrage(Ft.)	854.5	852.3	854.40	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1608.07	1577.70	17386	5422
Dehar (Ft.)	2941	2900	2922.76	2919.61	1397	1261
Pong(Ft.)	1421	1260	1328.64	1326.04	12502	1529
Mahi-I (Mts.)	281.5	259	275.25	276.20	2795	NIL
Mahi-II (Mts.)	220.5	217	218.45	217.00	476	NIL

5.POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
7-Feb-18	KTPS	26027	1 day
	STPS	30469	1 day
	CHHABRA	105762	14 days
	KALISINDH	18654	1.5 days

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

7-Feb-18

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
STATE SECTOR										
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20			BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35			BOXED UP; PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END.)
DCCPP	GT92*	110.00	100	24.00	100	13-Jul-16	16.40			BOXED UP; PERMISSION GIVEN BY RVNVL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END.)
DCCPP	HRSG01	55.00	50	12.00	50	11-Dec-17	21.12			SYSTEM LINE VOLTAGE INCREASED (permission not granted by ruval end id msg on OP/12790 dt 27.12.17 and op/12790 dt 30.12.17)
DCCPP	GT91	110.00	100	24.00	100	12-Dec-17	23.34			AIR INLET DIFFERENTIAL PRESSURE HIGH (permission not granted by ruval end id msg on OP/12790 dt 27.12.17 and op/12790 dt 30.12.17)
Total(A) STATE SECTOR- PLANNED OUTAGE			455.00	370.00	88.80	370.00				
CENTRAL SECTOR										
DADBRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00			RESERVE SHUTDOWN
DADBRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22			RESERVE SHUTDOWN
DADBRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30			RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43			RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09			RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12			RESERVE SHUTDOWN
RAPP-B	4	220.00	63	15.07	63	19-Dec-17	0.07			GENERAL MAINTENANCE
AURAIYA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51			RESERVE SHUTDOWN
AURAIYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28			RESERVE SHUTDOWN
DADBRI GPS	1	130.19	22	5.30	22	02-Feb-18	19.34			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	02-Feb-18	19.39			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	02-Feb-18	20.18			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	02-Feb-18	20.42			RESERVE SHUTDOWN
DADBRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33			ANNUAL MAINTENANCE
RAPP-C	6	220.00	44	10.50	44	05-Feb-18	23.59			SHUT DOWN
Total(B) CENTRAL SECTOR- PLANNED OUTAGE			2444.90	426.80	103.06	427.00				

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/AVAIL. (MW)			DATE	TIME	REASON OF OUTAGE		
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR 4		
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	ELECTICAL PROTECTION(S/D dt 10.01.2018)		
STPS	1	250.00	229	55.00	229	01-Jan-18	6.39	GT PROTECTION BUCBROZ ALARM.		
ADANI	1	660.00	600	144.00	600	06-Jan-18	8.31	LOW COAL STOCK		
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52	LOW COAL STOCK		
RAMGARH	GT91	37.50	29	0.00	0	20-Jan-18	19.19	NON AVAILIBTY OF GAS		
CHHABRA	2	250.00	210	54.00	210	31-Jan-18	14.00	HIGH AXIAL SHFT		
RAJWEST	2	135.00	120	28.68	120	01-Feb-18	4.37	BED MATERIAL LEAKAGE		
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28	LEAKAGE IN BOILER DUCT		
RAMGARH	GT92	37.50	29	0.00	0	05-Feb-18	22.19	DUE TO HIGH SPREAD		
RAMGARH	STG01	37.50	10	0.00	0	05-Feb-18	22.19	DUE TO HIGH SPREAD		
RAMGARH	STG01	37.50	10	0.00	0	06-Feb-18	2.46	DUE TO LP MAIN VALVE NOT WORKING PROPERLY SO LP DRUM LEVEL VERY HIGH		
RAMGARH	GT92	37.50	29	7.00	29	06-Feb-18	3.04	DUE TO HIGH SPREAD		
RAJWEST	8	135.00	120	25.65	120	07-Feb-18	2.32	DESYNCHRONIZED DUE TO BED MATERIAL LEAKAGE		
Total(B) STATE SECTOR-FORCED OUTAGE			2762.50	2366.00	552.13	2387.00				
CENTRAL SECTOR										
UNCHABAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH		
UNCHABAR	1	210.00	11	2.70	11	01-Feb-18	10.38	AIR PRE HEATER PROBLEM		
Total(B) CENTRAL SECTOR- FORCED OUTAGE			710.00	11.00	2.70	11.00				
G.TOTAL			554.83	2298.00						

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut down (@) and COD is not declared (\$).